~~CARPENTER, WYOMING EXCHANGE~~

~~UPGRADE AFC ACCESS CARRIER SITES (CRPN)~~

~~The planned method of investment for this project is equipment upgrade of the current access carrier electronics and multiple sites. Current copper cable service delivery to the subscribers will be retained. The project includes placement of new electronics equipment in existing access carrier sites. Other investment methods considered for this project include fiber to the home and as budget years continue that method may be chosen. Distance between subscribers proves fiber to the node (FTTN) the best investment until future budgeting can be done for fiber to the home. Project planned coverage area includes an estimated 25 square mile serving area. Voice switching for this site is currently done using our packet voice switch and voice service will remain using that after project completion. As part of this project the current access electronics at the site will be replaced and upgraded to offer VDSL2 broadband and VoIP service. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ **2015 Update: This project was eliminated due to priority change.**

BURNS, WYOMING EXCHANGE

CENTRAL OFFICE MAIN DC POWER BOARD AND BATTERY REPLACEMENT (BRNS)

This project includes installation of a new DC power board and battery string. The new installed DC power system will replace and upgrade our current system that has reached its life expectancy and is manufacturer discontinued. Special concerns in this project include keeping reliable Central Office DC Power to maintain operation of all local transport and access services including 911 and EMS service. Funding for the project is planned to be from general funds at this time. Expected completion of this project is within this calendar year.

~~BURNS, WYOMING EXCHANGE~~

~~NORTH STUCKEY ROAD ACCESS CARRIER SITE~~

~~The planned method of investment for this project is fiber optic transport to the node (FTTN) and to establish new access carrier electronics sites. Current copper cable service delivery to the subscribers will be retained. The project includes new placement of approximately 13 route miles of fiber optic cable. Buried cable placement methods are planned on this project. Other investment methods considered for this project include wireless Point-to-Point transport. Existing fiber to the node service in the area and existing copper cable eliminated the use of wireless Point-to-Point and proved fiber optic placement the best investment. Special concerns for new placement in this project include some private easement construction areas. Project planned coverage area includes an estimated 29 square mile serving area. Voice switching for this site is currently done using our packet voice switch and voice service will remain using that after project completion. As part of this project the current access electronics at the site will be replaced and upgraded to offer VDSL2 broadband and VoIP voice service. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ **2015 Update: This project was moved up to 2017 due to priority changes.**

ALBIN, WYOMING EXCHANGE

CENTRAL OFFICE MAIN DC POWER BOARD AND BATTERY REPLACEMENT (ALBN)

This project includes installation of a new DC power board and battery string. The new installed DC power system will replace and upgrade our current system that has reached its life expectancy and is manufacturer discontinued. Special concerns in this project include keeping reliable Central Office DC Power to maintain operation of all local transport and access services including 911 and EMS service. Funding for the project is planned to be from general funds at this time. Expected completion of this project is within this calendar year.

~~WORLAND, WYOMING EXCHANGE~~

~~HANOVER REMOTE ACCESS CARRIER SITE~~

~~The planned method of investment for this project is fiber optic transport to the existing node (FTTN) and equipment upgrade of the node electronics. Current copper cable service delivery to the subscribers will be retained. The project includes new placement of approximately 4 route miles of fiber optic cable. Buried cable placement method is planned on this project. Other investment methods considered for this project include wireless Point-to-Point transport. Lack of direct line of site and tree growth eliminated the use of wireless Point-to-Point and proved fiber optic placement the best investment. Special concerns for new placement in this project include narrow highway corridor work area may require private easement for construction. Project planned coverage area includes an estimated 12 square mile serving area. Voice switching for this site is currently done using our packet voice switch and voice service will remain using that after project completion. As part of this project the current access electronics at the site will be replaced and upgraded to offer VDSL2 broadband and VoIP service. This project area is planned to be included in our next RUS loan~~

~~design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ 2015 Update: This project was moved up to 2017 due to priority change.

JEFFREY CITY, WYOMING EXCHANGE
JEFFREY CITY WEST ROUTE AREA

~~The planned method of investment for this project is wireless Point-to-Point transport and the establishment of new access carrier sites for broadband service delivery. Current copper cable service delivery to the subscribers will be retained and reinforced where needed. The project includes new placement of approximately 6 new wireless transport sites and 1 route mile of copper cable. Buried cable placement methods are planned on this project. Other investment methods considered for this project include fiber to the home (FTTH) and fiber to the node (FTTN) designs. Distance between subscriber locations and cost of placement proved wireless transport and copper to the home service delivery to be the best investment. Special concerns for new placement in this project include securing new property easement for new wireless site locations. Project planned coverage area includes an estimated 36 square mile serving area. Voice switching for this area is currently done using our packet voice switch and voice service will remain using that after project completion. As part of this project all access electronics in the project area will be upgraded to offer VDSL2 broadband and VoIP service. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ 2015 Update: This project was moved up to 2016 due to priority change.

JEFFREY CITY, WYOMING EXCHANGE
JEFFREY CITY EAST & SOUTH ROUTE AREAS

~~The planned method of investment for this project is wireless Point-to-Point transport and the establishment of new access carrier sites for broadband service delivery. Current copper cable service delivery to the subscribers will be retained and reinforced where needed. The project includes new placement of approximately 6 new wireless transport sites and 1 route mile of copper cable. Buried cable placement methods are planned on this project. Other investment methods considered for this project include fiber to the home (FTTH) and fiber to the node (FTTN) designs. Distance between subscriber locations and cost of placement proved wireless transport and copper to the home service delivery to be the best investment. Special concerns for new placement in this project include securing new property easement for new wireless site locations. Project planned coverage area includes an estimated 49 square mile serving area. Voice switching for this area is currently done using our packet voice switch and voice service will remain using that after project completion. As part of this project all access electronics in the project area will be upgraded to offer VDSL2 broadband and VoIP service. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ 2015 Update: This project was moved up to 2016 due to priority change.

~~HULETT, WYOMING EXCHANGE~~
~~RIDGE TRANSPORT FIBER AND ACCESS CARRIER SITES~~

~~The planned method of investment for this project is fiber optic transport to the node (FTTN) and to establish new access carrier electronics sites. Current copper cable service delivery to the subscribers will be retained. The project includes new placement of approximately 13 route miles of fiber optic cable. Buried cable placement methods are planned on this project. Other investment methods considered for this project include wireless Point-to-Point transport. Peaks and valleys terrain and existing fiber to the node service in the area eliminated the use of wireless Point-to-Point and proved fiber optic placement the best investment. Special concerns for new placement in this project include some private easement construction areas and some rock excavation areas likely. The current coverage area of the radio link connected access carrier sites includes an estimated 86 square mile serving area. These access carrier serving area interfaces have and estimated 32 subscribers with 0 current broadband customer included in that number. Currently there is no broadband capability or service offering in these access carrier areas. When complete these 32 subscribers will have a current maximum available broadband service speed of 20MB download with 5MB upload dependent on distance from serving area interface. Voice switching for this site by this time will be done using our packet voice switch and voice service will remain using that after project completion. As part of this project the current access electronics at the site will be replaced and upgraded to offer VDSL2 broadband and VoIP service. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ 2015 Update: This project was moved out beyond the initial 5-year plan filing to year 2020 due to priority change.

HULETT, WYOMING EXCHANGE
RIDGE RADIO REPLACEMENT (RDGE)

The planned method of investment for this project is a new public spectrum radio unit replacement/upgrade for additional capacity. This radio link connects subscriber access carrier sites across mountainous terrain to provide voice and data service. The project includes new placement of radio electronics at two existing sites and access electronics upgrades at three existing sites. Fiber optics cable placement to replace the existing radio link has been considered and is cost prohibitive at this time. The fiber optic cable placement will be considered again in future budget years. Special concerns for new placement in this project include some difficult construction areas with rock excavation likely. The current coverage area of the radio link connected access carrier sites includes an estimated 86 square mile serving area. Currently there is no broadband capability or service offering in these access carrier areas. When complete these 32 subscribers will have a current maximum available broadband service speed of 20MB download with 5MB upload dependent on distance from serving area interface. Voice switching for this site is currently done using our circuit voice switch and will move to our packet voice switch after project completion. As part of this project all access electronics in the project area will be upgraded to offer VDSL2 broadband and VoIP service. This project area is not included in our current RUS loan design. Funding for the project is planned to be from general funds. Expected construction completion and service cut over of this project is within this calendar year.- **2015 Update: This project has been moved out from plan year 2016 due to priority changes.**

UPTON, WYOMING EXCHANGE
SUNDANCE CANYON SUBDIVION (SDCN)

The planned method of investment for this project is fiber optic to the home or business (FTTH) and to establish new PON cabinet and serving area. There are currently no communications facilities within this subdivision. The project includes new placement of approximately 9 route miles of fiber optic cable. Buried cable placement methods are planned on this project. Other investment methods considered for this project include wireless Point-to-Point transport. Hill and valley terrain eliminated the use of wireless Point-to-Point and proved fiber optic placement the best investment. Special concerns for new placement in this project include some private easement construction areas. Project planned coverage area includes an estimated 16 square mile serving area. This serving area would consist of 30 homes and 25 vacant lots. When complete subscribers will have a current maximum available broadband service speed of 20MB download with 5MB upload. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the current RUS loan at the time. Expected construction completion and service cut over of this project is within this calendar year. **2015 Update: This project has been added to the 5-year modernization plan due to priority changes.**

MIDWEST, WYOMING EXCHANGE
MIDWEST BASE RATE CONSTRUCTION PHASE I (MWST)

The planned method of investment is not decided at this time with broadband service being the goal. Current copper cables may or may not be retained in project design. The project will include an estimated 16 route miles of fiber optic cable if fiber to the home service is used and/or an estimated 4 new wireless sites if wireless delivery to the home is used. Aerial and buried cable placement methods are being considered for this project as well as the establishment of new wireless site locations. Investment methods being considered for this project include wireless Point-to-Multi Point service to the home as well as fiber to the node (FTTN) or fiber to the home (FTTH) type service delivery. Consideration is being given to cost, performance, and reliability in the decisions planning the investment and service enhancement in this area. We expect some advancement in all technology types in the coming years that will allow us to proceed with the best investment for service delivery. Special concerns for new placement in this project include some difficult construction areas with rock excavation possible and possible land and easement issues if establishing new wireless sites. Project planned coverage area includes an estimated 4 square mile serving area. Voice switching for this site is currently done using our packet voice switch and voice service will remain using that after project completion. The current access electronics system serving these subscribers is in the Central Office and will be replaced and upgraded as part of this project. Current anchor institution in the planned serving area interface is the Midwest School. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year. **2015 Update: This project was originally scheduled for 2018 but has been split into two phases with the Phase I scheduled for 2018 and Phase II scheduled for 2019.**

NEWCASTLE, WYOMING EXCHANGE
CENTRAL OFFICE SERVING AREA CONSTRUCTION PHASE II (NWCS)

The planned method of investment for this project is fiber optic to the home/business (FTTH). This will be phase four of fiber to the home construction in this exchange with phase one having been constructed in 2006. Current copper cables will not be retained after project completion and service cut over. The project includes new placement of approximately 26 route miles of fiber optic

cable. Aerial, buried and underground cable placement methods are planned on this project. Other investment methods considered for this project include wireless Point-to-Multi Point service to the home. Existing fiber to the home investment in this area makes continued fiber to the home the best investment. Special concerns for new placement in this project include some difficult construction areas with rock excavation possible. Project planned coverage area includes an estimated 1 square mile serving area. Voice switching for this site is currently done using our circuit voice switch and will move to our packet voice switch after project completion. The current access electronics system serving these subscribers is in the Central Office and will be replaced and upgraded as part of this project. Current anchor institutions in the planned serving area interfaces are the Weston County Courthouse & Sheriff's Office also the City Police Department. This project area is included in our current RUS loan design. Funding for the project is planned to be from the current RUS loan. Expected construction completion of this project is within this calendar year. Service cut over of this project is expected to be completed in this calendar year but could extend into year 2017 for full completion. **2015 update: This project has been split into three phases and scheduled as follows: Phase 1-2017; Phase II-2018; and Phase III-2019**

PINE BLUFFS, WYOMING EXCHANGE
CENTRAL OFFICE SERVING AREA CONSTRUCTION PHASE II (PNBL)

The planned method of investment for this project is fiber optic to the home/business (FTTH). Current copper cables will not be retained after project completion and service cut over. The project includes new placement of approximately 36 route miles of fiber optic cable. Aerial, buried and underground cable placement methods are planned on this project. Other investment methods considered for this project include wireless Point-to-Multi Point service to the home. Existing fiber to the home investment in this area makes continued fiber to the home the best investment. Special concerns for new placement in this project include some difficult construction areas with rock excavation possible. Project planned coverage area includes an estimated 4 square mile serving area. Voice switching for this site is currently done using our packet voice switch and voice service will remain using that after project completion. The current access electronics system serving these subscribers is in the Central Office and will be replaced and upgraded as part of this project. Current anchor institutions in the planned serving area interfaces are the Pine Bluffs City Police Department and University of Wyoming Distance Learning Center. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion of this project is within this calendar year. Service cut over of this project is expected to be completed in this calendar year but could extend into year 2020 for full completion. **This project was originally targeted for 2019 but has been split into two phases with Phase I being moved up to 2017 and Phase II being moved up to 2018 due to priority changes.**

RT COMMUNICATIONS-ALL EXCHANGES
TECHNICIAN SERVICE TRUCK VEHICLES

In 2018 RT Communications plans to replace two ¾ ton gasoline engine service trucks. We currently have several high mileage service trucks and will decide on specific unit numbers for replacement as needed in the year. Due to RT Communications service area being very large the mileage put on each service truck yearly is very high. To ensure the safety of employees as well as ensuring serviceable vehicles, the company must regularly replace service trucks.

Plan Year 2019

~~**PINE BLUFFS, WYOMING EXCHANGE**~~
~~**CENTRAL OFFICE SERVING AREA CONSTRUCTION (PHASE II)**~~

~~The planned method of investment for this project is fiber optic to the home/business (FTTH). Current copper cables will not be retained after project completion and service cut over. The project includes new placement of approximately 36 route miles of fiber optic cable. Aerial, buried and underground cable placement methods are planned on this project. Other investment methods considered for this project include wireless Point-to-Multi Point service to the home. Existing fiber to the home investment in this area makes continued fiber to the home the best investment. Special concerns for new placement in this project include some difficult construction areas with rock excavation possible. Project planned coverage area includes an estimated 4 square mile serving area. Voice switching for this site is currently done using our packet voice switch and voice service will remain using that after project completion. The current access electronics system serving these subscribers is in the Central Office and will be replaced and upgraded as part of this project. Current anchor institutions in the planned serving area interfaces are the Pine Bluffs City Police Department and University of Wyoming Distance Learning Center. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion of this project is within this calendar year. Service cut over of this project is expected to be completed in this calendar year but could extend into year 2020 for full completion.~~ **2015 Update: This project has been moved up to plan year 2018 (Phase I) and 2019 (Phase II) due to priority changes.**

UPTON, WYOMING EXCHANGE
CENTRAL OFFICE MAIN DC POWER BOARD AND BATTERY REPLACEMENT (UPTN)

This project includes installation of a new DC power board and battery string. The new installed DC power system will replace and upgrade our current system that has reached its life expectancy and is manufacturer discontinued. Special concerns in this project include keeping reliable Central Office DC Power to maintain operation of all local transport and access services including 911 and EMS service. Funding for the project is planned to be from general funds at this time. Expected completion of this project is within this calendar year.

UPTON, WYOMING EXCHANGE
NORTH FIBER ROUTE RE-ENFORCEMENT

~~The planned method of investment for this project is fiber optic cable placement for additional transport capacity. Current fiber to the home service delivery to the subscribers will be retained. The project includes new placement of approximately 16 route miles of fiber optic cable. New buried and underground cable placement methods are planned on this project. Existing fiber cable on this route has reached exhaust and additional fiber capacity is required for transport and subscriber service delivery. Special concerns for new placement in this project include some difficult construction areas with rock excavation likely. The current coverage area of this fiber route includes an estimated 28 square mile serving area. Voice switching for this site is currently done using our circuit voice switch and will move to our packet voice switch after project completion. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ **Update 2015: This project has been moved outside of the current 5-year plan to year 2021 due to priority changes.**

~~**SHOSHONI, WYOMING EXCHANGE**~~
~~**SHOSHONI BASE RATE CONSTRUCTION PHASE I**~~

~~The planned method of investment is not decided at this time with broadband service being the goal. Current copper cables may or may not be retained in project design. The project will include an estimated 16 route miles of fiber optic cable if fiber to the home service is used and/or an estimated 4 new wireless sites if wireless delivery to the home is used. Aerial and buried cable placement methods are being considered for this project as well as the establishment of new wireless site locations. Investment methods being considered for this project include wireless Point-to-Multi Point service to the home as well as fiber to the node (FTTN) or fiber to the home (FTTH) type service delivery. Consideration is being given to cost, performance, and reliability in the decisions planning the investment and service enhancement in this area. We expect some advancement in all technology types in the coming years that will allow us to proceed with the best investment for service delivery. Special concerns for new placement in this project include some difficult construction areas with rock excavation possible and possible land and easement issues if establishing new wireless sites. Project planned coverage area includes an estimated 4 square mile serving area. Voice switching for this site is currently done using our packet voice switch and voice service will remain using that after project completion. The current access electronics system serving these subscribers is in the Central Office and will be replaced and upgraded as part of this project. Current anchor institution in the planned serving area interface is the Shoshoni School. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ **Update 2015: This project has been split into two phases with Phase I being moved up to 2016 and Phase II being moved outside of the current 5-year plan to year 2020 due to priority changes.**

~~**SHOSHONI, WYOMING EXCHANGE**~~
~~**UPGRADE ACCESS CARRIER SITES**~~

~~The planned method of investment for this project is equipment upgrade of the current access carrier electronics and possibly to add new sites. Current copper cable service delivery to the subscribers will be retained. The project includes placement of new electronics equipment in existing access carrier sites. Other investment methods considered for this project include fiber to the home and as budget years continue that method may be chosen. Distance between subscribers proves fiber to the node (FTTN) the best investment until future budgeting can be done for fiber to the home. Project planned coverage area includes an estimated 96 square miles of serving areas. Voice switching for this site is currently done using our circuit voice switch and will move to our packet voice switch after project completion. As part of this project the current access electronics at the site will be replaced and upgraded to offer VDSL2 broadband and VoIP service. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ **Update 2015: This project has been eliminated from the 5-year plan due to priority changes.**

~~NEWCASTLE, WYOMING EXCHANGE~~
~~UPGRADE ACCESS CARRIER SITES~~

~~The planned method of investment for this project is equipment upgrade of the current access carrier electronics and possibly to add new sites. Current copper cable service delivery to the subscribers will be retained. The project includes placement of new electronics equipment in existing access carrier sites. Other investment methods considered for this project include fiber to the home and as budget years continue that method may be chosen. Distance between subscribers proves fiber to the node (FTTN) the best investment until future budgeting can be done for fiber to the home. Project planned coverage area includes an estimated 360 square miles of serving areas. Voice switching for this site is currently done using our circuit voice switch and will move to our packet voice switch after project completion. As part of this project the current access electronics at the site will be replaced and upgraded to offer VDSL2 broadband and VoIP service. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ **Update 2015: This project has been eliminated from the 5-year plan due to priority changes.**

NEWCASTLE, WYOMING EXCHANGE
CENTRAL OFFICE SERVING AREA CONSTRUCTION PHASE III (NWCS)

The planned method of investment for this project is fiber optic to the home/business (FTTH). This will be phase four of fiber to the home construction in this exchange with phase one having been constructed in 2006. Current copper cables will not be retained after project completion and service cut over. The project includes new placement of approximately 26 route miles of fiber optic cable. Aerial, buried and underground cable placement methods are planned on this project. Other investment methods considered for this project include wireless Point-to-Multi Point service to the home. Existing fiber to the home investment in this area makes continued fiber to the home the best investment. Special concerns for new placement in this project include some difficult construction areas with rock excavation possible. Project planned coverage area includes an estimated 1 square mile serving area. Voice switching for this site is currently done using our circuit voice switch and will move to our packet voice switch after project completion. The current access electronics system serving these subscribers is in the Central Office and will be replaced and upgraded as part of this project. Current anchor institutions in the planned serving area interfaces are the Weston County Courthouse & Sheriff's Office also the City Police Department. This project area is included in our current RUS loan design. Funding for the project is planned to be from the current RUS loan. Expected construction completion of this project is within this calendar year. Service cut over of this project is expected to be completed in this calendar year but could extend into year 2017 for full completion. **2015 update: This project has been split into three phases and scheduled as follows: Phase 1-2017; Phase II-2018; and Phase III-2019**

~~NEWCASTLE, WYOMING EXCHANGE~~
~~HIGHWAY 85 SOUTH TRANSPORT FIBER AND ACCESS CARRIER SITES~~

~~The planned method of investment for this project is fiber optic transport to the node (FTTN) and to establish new access carrier electronics sites. Current copper cable service delivery to the subscribers will be retained. The project includes new placement of approximately 26 route miles of fiber optic cable. Buried cable placement methods are planned on this project. Other investment methods considered for this project include wireless Point-to-Point transport. Peaks and valleys terrain and existing fiber to the node service in the area eliminated the use of wireless Point-to-Point and proved fiber optic placement the best investment. Special concerns for new placement in this project include some private easement construction areas and some rock excavation areas likely. The current coverage area of the analog carrier systems includes an estimated 216 square mile serving area. Voice switching for this site by this time will be done using our packet voice switch and voice service will remain using that after project completion. As part of this project the current access electronics at the site will be replaced and upgraded to offer VDSL2 broadband and VoIP voice service. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ **Update 2015: This project has been moved out beyond the 5-year plan period to 2021.**

~~HULETT, WYOMING EXCHANGE~~
~~UPGRADE ACCESS CARRIER SITES~~

~~The planned method of investment for this project is equipment upgrade of the current access carrier electronics and possibly to add new sites. Current copper cable service delivery to the subscribers will be retained. The project includes placement of new electronics equipment in existing access carrier sites. Other investment methods considered for this project include fiber to the home and as budget years continue that method may be chosen. Distance between subscribers proves fiber to the node (FTTN) the best investment until future budgeting can be done for fiber to the home. Project planned coverage area includes an estimated 360 square miles of serving areas. Voice switching for this site is currently done using our circuit voice switch and will move to our packet voice switch after project completion. As part of this project the current access electronics at the site will be replaced and~~

~~upgraded to offer VDSL2 broadband and VoIP service. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year.~~ **Update 2015: This project has been eliminated from the 5-year plan due to priority changes.**

BURNS, WYOMING EXCHANGE
BASE RATE AREA CONSTRUCTION PHASE I (BRNS)

The planned method of investment for this project is fiber optic to the home/business (FTTH). Current copper cables will not be retained after project completion and service cut over. The Burns CO Phase I fiber to the home project includes new placement of approximately 10 route miles of fiber optic cable. Aerial, buried and underground cable placement methods are being considered for this project. At this time we are evaluating working with the local power company to utilize the existing power poles for all aerial cable placements. Other investment methods considered for this project include wireless Point-to-Multi Point service to the home. Not currently having any tower locations and bordering areas with existing fiber to the home investment in this area makes continued fiber to the home the best investment. Special concerns for new placement in this project include some difficult construction areas with rock excavation possible. Project planned coverage area includes an estimated 3 square mile serving area. This serving area interface has an estimated total of 30 subscriber locations with estimated 20 current broadband customers included in that number. Current broadband capabilities in these areas offer maximum service speed of 5MB download with 1MB upload. When complete all subscribers will have a current maximum available broadband service speed of 50MB download with 20MB upload. Voice switching for this site is currently done using our circuit voice switch and will move to our packet voice switch after project completion. The current access electronics system serving these subscribers is in the Central Office and will be replaced and upgraded as part of this project. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the current RUS loan at the time. Expected construction completion of this project is within this calendar year. Service cut over of this project is expected to be completed in this calendar year.
2015 Update: This project was added due to priority change.

MOORCROFT, WYOMING EXCHANGE
BASE RATE AREA CONSTRUCTION PHASE I (MRCR)

The planned method of investment for this project is fiber optic to the home/business (FTTH). Current copper cables will not be retained after project completion and service cut over. The project includes new placement of approximately 13 route miles of fiber optic cable. Aerial, buried and underground cable placement methods are being considered for this project. At this time we are evaluating working with the local power company to utilize the existing power poles for all aerial cable placements. Other investment methods considered for this project include wireless Point-to-Multi Point service to the home. Not currently having any tower locations and bordering areas with existing fiber to the home investment in this area makes continued fiber to the home the best investment. Special concerns for new placement in this project include some difficult construction areas with rock excavation possible. Project planned coverage area includes an estimated 9 square mile serving area. Voice switching for this site is currently done using our circuit voice switch and will move to our packet voice switch after project completion. The current access electronics system serving these subscribers is in the Central Office and will be replaced and upgraded as part of this project. Current anchor institutions in the planned serving area interfaces are the Crook County Medical Clinic, Moorcroft Library and Moorcroft Police Department. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion of this project is within this calendar year. Service cut over of this project is expected to be completed in this calendar year but could extend into year 2019 for full completion. **2015 Update: This project was split into two phases and moved out from 2018. Phase I will commence in 2019 and Phase II will commence in 2020.**

MIDWEST, WYOMING EXCHANGE
MIDWEST BASE RATE CONSTRUCTION PHASE II (MWST)

The planned method of investment is not decided at this time with broadband service being the goal. Current copper cables may or may not be retained in project design. The project will include an estimated 16 route miles of fiber optic cable if fiber to the home service is used and/or an estimated 4 new wireless sites if wireless delivery to the home is used. Aerial and buried cable placement methods are being considered for this project as well as the establishment of new wireless site locations. Investment methods being considered for this project include wireless Point-to-Multi Point service to the home as well as fiber to the node (FTTN) or fiber to the home (FTTH) type service delivery. Consideration is being given to cost, performance, and reliability in the decisions planning the investment and service enhancement in this area. We expect some advancement in all technology types in the coming years that will allow us to proceed with the best investment for service delivery. Special concerns for new placement in this project include some difficult construction areas with rock excavation possible and possible land and easement issues if establishing new wireless sites. Project planned coverage area includes an estimated 4 square mile serving area. Voice switching for this site is

currently done using our packet voice switch and voice service will remain using that after project completion. The current access electronics system serving these subscribers is in the Central Office and will be replaced and upgraded as part of this project. Current anchor institution in the planned serving area interface is the Midwest School. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the future RUS loan. Expected construction completion and service cut over of this project is within this calendar year. **2015 Update: This project was originally scheduled for 2018 but has been split into two phases with the Phase I scheduled for 2018 and Phase II scheduled for 2019.**

CARPENTER, WYOMING EXCHANGE

CARPENTER EAST RE-ENFORCEMENT (CRPN EAST)

The planned method of investment for this project is fiber optic to the home/business (FTTH). Current fiber optic cables will be retained but current copper cables in this area will not be retained after project completion and service cut over. The Carpenter East fiber to the home project includes new placement of approximately 6 route miles of fiber optic cable. Buried and underground cable placement methods are planned on this project. Other investment methods considered for this project include wireless Point-to-Multi Point service to the home. Existing fiber to the home investment in this area makes continued fiber to the home the best investment. Special concerns for new placement in this project include some private easement construction areas. Project planned coverage area includes an estimated 7 square mile serving area. This serving area interface has an estimated total of 32 subscriber locations with estimated 22 current broadband customers included in that number. Current broadband capabilities in these areas offer maximum service speed of 10MB download with 1MB upload. When complete all subscribers will have a current maximum available broadband service speed of 50MB download with 20MB upload. Voice switching for this site is currently done using our packet voice switch and voice service will remain using that after project completion. This project area is planned to be included in our next RUS loan design. Funding for the project is planned to be from the current RUS loan at the time. Expected construction completion and service cut over of this project is within this calendar year.

2015 Update: This project was added to plan year 2019 due to priority change.

RT COMMUNICATIONS-ALL EXCHANGES

TECHNICIAN SERVICE TRUCK VEHICLES

In 2019 RT Communications plans to replace two 1 ton diesel engine dual wheel construction service trucks. We currently have several high mileage service trucks and will decide on specific unit numbers for replacement as needed in the year. Due to RT Communications service area being very large the mileage put on each service truck yearly is very high. To ensure the safety of employees as well as ensuring serviceable vehicles, the company must regularly replace service trucks.